

This listing of claims replaces all prior versions, and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method for digital content access control, comprising:

determining, on a user device, digital content to be made accessible via a rights locker;

determining, on said user device, enrollment authentication data;

sending, from said user device, a rights locker enrollment request to a rights locker provider, said rights locker enrollment request comprising a digital content request and said enrollment authentication data;

receiving, on said user device, one or more authenticated rights locker access requests in response to said sending, said one or more authenticated rights locker access requests for subsequent use in accessing digital content associated with said rights locker;

receiving, on said user device, an indication of a selection of one of said one or more authenticated rights locker access requests;

sending, from said user device, said authenticated rights locker access request to a rights locker provider; and

receiving, on said user device, a result in response to said sending said authenticated rights locker access request.

2. (Original) The method of claim 1 wherein said digital content request comprises a request for initializing said rights locker with rights to specified digital content.

3. (Currently Amended) The method of claim 1 wherein said enrollment authentication data comprises:

rights locker access authentication data for determining what rights, if any, ~~said~~a user of said user device has to access said rights locker; and

rights content access authentication data for determining what rights, if any, said user has to digital content associated with said rights locker.

4. (Original) The method of claim 3 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

5. (Original) The method of claim 3 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

6. (Original) The method of claim 1 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

7. (Currently Amended) The method of claim 1, further comprising storing at least part of said one or more authenticated rights locker access requests in a bookmark on said~~a~~ user device.

8. (Original) The method of claim 1 wherein said one or more authenticated rights locker access requests are embedded in a Web cookie.

9. (Original) The method of claim 1 wherein said one or more authenticated rights locker access requests are encapsulated in an HTTP Response message.

10. (Currently Amended) A method for digital content access control, comprising:

receiving, by a rights locker provider, a rights locker enrollment request from a user device associated with a user, said rights locker enrollment request comprising a digital content request and enrollment authentication data;

determining, by said rights locker provider, whether said user is authorized, said determining comprising determining the rights of said user to access said rights locker and the rights of said user to digital content specified by said digital content request;

if said user is authorized,

initializing, by said rights locker provider, said rights locker with rights to said digital content;

obtaining, by said rights locker provider, one or more tokens that authenticate future access to a rights locker corresponding to said digital content;

creating, by said rights locker provider, one or more authenticated rights locker access requests based at least in part on said one or more tokens;

sending, by said rights locker provider, said one or more authenticated rights locker access requests;

receiving, by said rights locker provider, an indication of a user selection of one of said one or more authenticated rights locker access requests;
and

accessing, by said rights locker provider, the contents of said rights locker according to a type of said rights token.

11. (Original) The method of claim 10 wherein said digital content request comprises a request for initializing said rights locker with rights to specified digital content.

12. (Original) The method of claim 10 wherein said enrollment authentication data comprises:

rights locker access authentication data for determining what rights, if any, said user has to access said rights locker; and

rights content access authentication data for determining what rights, if any, said user has to digital content associated with said rights locker.

13. (Original) The method of claim 12 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

14. (Original) The method of claim 12 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

15. (Original) The method of claim 10 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

16. (Original) The method of claim 10 wherein said determining comprises determining whether said user is

entitled to become an enrolled user based at least in part on whether payment for use of the rights locker service succeeds.

17. (Original) The method of claim 10 wherein said determining comprises determining whether an enrolled user is entitled to populate said rights locker with rights to said digital content based at least in part on whether payment for said rights succeeds.

18. (Currently Amended) The method of claim 10 wherein at least part of said one or more authenticated rights locker access requests are for storage in a bookmark on asaid user device.

19. (Original) The method of claim 10, further comprising embedding said one or more authenticated rights locker access requests in a Web cookie before said sending.

20. (Original) The method of claim 10, further comprising encapsulating said one or more authenticated rights locker access requests in an HTTP Response message before said sending.

21. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for digital content access control, the method comprising:

determining, on a user device, digital content to be made accessible via a rights locker;

determining, on said user device, enrollment authentication data;

sending, from said user device, a rights locker enrollment request to a rights locker provider, said

rights locker enrollment request comprising a digital content request and said enrollment authentication data;

receiving, on said user device, one or more authenticated rights locker access requests in response to said sending, said one or more authenticated rights locker access requests for subsequent use in accessing digital content associated with said rights locker;

receiving, on said user device, an indication of a selection of one of said one or more authenticated rights locker access requests;

sending, from said user device, said authenticated rights locker access request to a rights locker provider; and

receiving, on said user device, a result in response to said sending said authenticated rights locker access request.

22. (Original) The program storage device of claim 21 wherein said digital content request comprises a request for initializing said rights locker with rights to specified digital content.

23. (Currently Amended) The program storage device of claim 21 wherein said enrollment authentication data comprises:

rights locker access authentication data for determining what rights, if any, said user of said user device has to access said rights locker; and

rights content access authentication data for determining what rights, if any, said user has to digital content associated with said rights locker.

24. (Original) The program storage device of claim 23 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

25. (Original) The program storage device of claim 23 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

26. (Original) The program storage device of claim 21 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

27. (Currently Amended) The program storage device of claim 21, said method further comprising storing at least part of said one or more authenticated rights locker access requests in a bookmark on saida user device.

28. (Original) The program storage device of claim 21 wherein said one or more authenticated rights locker access requests are embedded in a Web cookie.

29. (Original) The program storage device of claim 21 wherein said one or more authenticated rights locker access requests are encapsulated in an HTTP Response message.

30. (Currently Amended) A program storage device readable by a machine, embodying a program of instructions executable by the machine to perform a method for digital content access control, the method comprising:

receiving, by a rights locker provider, a rights locker enrollment request from a user device associated

with a user, said rights locker enrollment request comprising a digital content request and enrollment authentication data;

determining, by said rights locker provider, whether said user is authorized, said determining comprising determining the rights of said user to access said rights locker and the rights of said user to digital content specified by said digital content request;

if said user is authorized,

initializing, by said rights locker provider, said rights locker with rights to said digital content;

obtaining, by said rights locker provider, one or more tokens that authenticate future access to a rights locker corresponding to said digital content;

creating, by said rights locker provider, one or more authenticated rights locker access requests based at least in part on said one or more tokens;

sending, by said rights locker provider, said one or more authenticated rights locker access requests;

receiving, by said rights locker provider, an indication of a user selection of one of said one or more authenticated rights locker access requests;
and

accessing, by said rights locker provider, the contents of said rights locker according to a type of said rights token.

31. (Original) The program storage device of claim 30 wherein said digital content request comprises a request for initializing said rights locker with rights to specified digital content.

32. (Original) The program storage device of claim 30 wherein said enrollment authentication data comprises:

rights locker access authentication data for determining what rights, if any, said user has to access said rights locker; and

rights content access authentication data for determining what rights, if any, said user has to digital content associated with said rights locker.

33. (Original) The program storage device of claim 32 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

34. (Original) The program storage device of claim 32 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

35. (Original) The program storage device of claim 30 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

36. (Original) The program storage device of claim 30 wherein said determining comprises determining whether said user is entitled to become an enrolled user based at least in part on whether payment for use of the rights locker service succeeds.

37. (Original) The program storage device of claim 30 wherein said determining comprises determining whether an enrolled user is entitled to populate said rights locker with

rights to said digital content based at least in part on whether payment for said rights succeeds.

38. (Currently Amended) The program storage device of claim 30 wherein at least part of said one or more authenticated rights locker access requests are for storage in a bookmark on asaid user device.

39. (Original) The program storage device of claim 30, said method further comprising embedding said one or more authenticated rights locker access requests in a Web cookie before said sending.

40. (Original) The program storage device of claim 30, said method further comprising encapsulating said one or more authenticated rights locker access requests in an HTTP Response message before said sending.

41. (Currently Amended) An apparatus for digital content access control, comprising:

means for determining, on a user device, digital content to be made accessible via a rights locker;

means for determining, on said user device, enrollment authentication data;

means for sending, from said user device, a rights locker enrollment request to a rights locker provider, said rights locker enrollment request comprising a digital content request and said enrollment authentication data;

means for receiving, on said user device, one or more authenticated rights locker access requests in response to said sending, said one or more authenticated rights locker access requests for subsequent use in

accessing digital content associated with said rights locker;

means for receiving, on said user device, an indication of a selection of one of said one or more authenticated rights locker access requests;

means for sending, from said user device, said authenticated rights locker access request to a rights locker provider; and

means for receiving, on said user device, a result in response to said sending said authenticated rights locker access request.

42. (Original) The apparatus of claim 41 wherein said digital content request comprises a request for initializing said rights locker with rights to specified digital content.

43. (Currently Amended) The apparatus of claim 41 wherein said enrollment authentication data comprises:

rights locker access authentication data for determining what rights, if any, ~~said~~ a user of said user device has to access said rights locker; and

rights content access authentication data for determining what rights, if any, said user has to digital content associated with said rights locker.

44. (Original) The apparatus of claim 43 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

45. (Original) The apparatus of claim 43 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

46. (Original) The apparatus of claim 41 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

47. (Currently Amended) The apparatus of claim 41, further comprising means for storing at least part of said one or more authenticated rights locker access requests in a bookmark on asaid user device.

48. (Original) The apparatus of claim 41 wherein said one or more authenticated rights locker access requests are embedded in a Web cookie.

49. (Original) The apparatus of claim 41 wherein said one or more authenticated rights locker access requests are encapsulated in an HTTP Response message.

50. (Currently Amended) An apparatus for digital content access control, comprising:

means for receiving, by a rights locker provider, a rights locker enrollment request from a user device associated with a user, said rights locker enrollment request comprising a digital content request and enrollment authentication data;

means for determining, by said rights locker provider, whether said user is authorized, said determining comprising determining the rights of said user to access said rights locker and the rights of said user to digital content specified by said digital content request;

means for, if said user is authorized,

initializing, by said rights locker provider,
said rights locker with rights to said digital
content;

obtaining, by said rights locker provider, one
or more tokens that authenticate future access to a
rights locker corresponding to said digital content;

creating, by said rights locker provider, one
or more authenticated rights locker access requests
based at least in part on said one or more tokens;

sending, by said rights locker provider, said
one or more authenticated rights locker access
requests;

receiving, by said rights locker provider, an
indication of a user selection of one of said one or
more authenticated rights locker access requests;
and

accessing, by said rights locker provider, the
contents of said rights locker according to a type
of said rights token.

51. (Original) The apparatus of claim 50 wherein said
digital content request comprises a request for initializing
said rights locker with rights to specified digital content.

52. (Original) The apparatus of claim 50 wherein said
enrollment authentication data comprises:

rights locker access authentication data for
determining what rights, if any, said user has to access
said rights locker; and

rights content access authentication data for
determining what rights, if any, said user has to digital
content associated with said rights locker.

53. (Original) The apparatus of claim 52 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

54. (Original) The apparatus of claim 52 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

55. (Original) The apparatus of claim 50 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

56. (Original) The apparatus of claim 50 wherein said determining comprises determining whether said user is entitled to become an enrolled user based at least in part on whether payment for use of the rights locker service succeeds.

57. (Original) The apparatus of claim 50 wherein said determining comprises means for determining whether an enrolled user is entitled to populate said rights locker with rights to said digital content based at least in part on whether payment for said rights succeeds.

58. (Currently Amended) The apparatus of claim 50 wherein at least part of said one or more authenticated rights locker access requests are for storage in a bookmark on asaid user device.

59. (Original) The apparatus of claim 50, further comprising means for embedding said one or more authenticated

rights locker access requests in a Web cookie before said sending.

60. (Original) The apparatus of claim 50, further comprising means for encapsulating said one or more authenticated rights locker access requests in an HTTP Response message before said sending.

61. (Currently Amended) An apparatus for digital content access control, comprising:

a memory for storing said digital content; and
a processor configured to:

determine, on said apparatus, digital content to be made accessible via a rights locker;

determine, on said apparatus, enrollment authentication data;

send, from said apparatus, a rights locker enrollment request to a rights locker provider, said rights locker enrollment request comprising a digital content request and said enrollment authentication data;

receive, on said apparatus, one or more authenticated rights locker access requests in response to said sending, said one or more authenticated rights locker access requests for subsequent use in accessing digital content associated with said rights locker;

receive, on said apparatus, an indication of a selection of one of said one or more authenticated rights locker access requests;

send, from said apparatus, said authenticated rights locker access request to a rights locker provider; and

receive, on said apparatus, a result in response to said sending said authenticated rights locker access request.

62. (Original) The apparatus of claim 61 wherein said digital content request comprises a request for initializing said rights locker with rights to specified digital content.

63. (Currently Amended) The apparatus of claim 61 wherein said enrollment authentication data comprises:

rights locker access authentication data for determining what rights, if any, ~~said~~a user has to access said rights locker; and

rights content access authentication data for determining what rights, if any, said user has to digital content associated with said rights locker.

64. (Original) The apparatus of claim 63 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

65. (Original) The apparatus of claim 63 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

66. (Original) The apparatus of claim 61 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

67. (Original) The apparatus of claim 61 wherein said apparatus comprises a smart card.

68. (Original) The apparatus of claim 67 wherein said smart card comprises a Java Card™ technology-enabled smart card.

69. (Original) The apparatus of claim 67 wherein said smart card comprises a CDMA (Code Division Multiple Access) technology-enabled smart card.

70. (Original) The apparatus of claim 67 wherein said smart card comprises a SIM (Subscriber Identity Module) card.

71. (Original) The apparatus of claim 67 wherein said smart card comprises a WIM (Wireless Interface Module).

72. (Original) The apparatus of claim 67 wherein said smart card comprises a USIM (Universal Subscriber Identity Module).

73. (Original) The apparatus of claim 67 wherein said smart card comprises a UIM (User Identity Module).

74. (Original) The apparatus of claim 67 wherein said smart card comprises a R-UIM (Removable User Identity Module).

75. (Currently Amended) The apparatus of claim 61 wherein said processor is further configured to store at least part of said one or more authenticated rights locker access requests in a bookmark on said apparatus ~~a user device~~.

76. (Original) The apparatus of claim 61 wherein said one or more authenticated rights locker access requests are embedded in a Web cookie.

77. (Original) The apparatus of claim 61 wherein said one or more authenticated rights locker access requests are encapsulated in an HTTP Response message.

78. (Currently Amended) An apparatus for digital content access control, comprising:

a memory for storing one or more rights lockers that describe digital content access rights; and

a processor configured to:

receive, by said apparatus, a rights locker enrollment request from a user device associated with a user, said rights locker enrollment request comprising a digital content request and enrollment authentication data;

determine, by said apparatus, whether said user is authorized, said determining comprising determining the rights of said user to access said rights locker and the rights of said user to digital content specified by said digital content request;

if said user is authorized,

initialize, by said apparatus, said rights locker with rights to said digital content;

obtain, by said apparatus, one or more tokens that authenticate future access to a rights locker corresponding to said digital content;

create, by said apparatus, one or more authenticated rights locker access requests based at least in part on said one or more tokens;

send, by said apparatus, said one or more authenticated rights locker access requests;

receive, by said apparatus, an indication of a user selection of one of said one or more authenticated rights locker access requests;
and

access, by said apparatus, the contents of said rights locker according to a type of said rights token.

79. (Original) The apparatus of claim 78 wherein said digital content request comprises a request for initializing said rights locker with rights to specified digital content.

80. (Original) The apparatus of claim 78 wherein said enrollment authentication data comprises:

rights locker access authentication data for determining what rights, if any, said user has to access said rights locker; and

rights content access authentication data for determining what rights, if any, said user has to digital content associated with said rights locker.

81. (Original) The apparatus of claim 80 wherein said rights locker access authentication data comprises payment for use of a rights locker service.

82. (Original) The apparatus of claim 80 wherein said rights content access authentication data comprises payment for rights deposited in said rights locker.

83. (Original) The apparatus of claim 78 wherein said enrollment authentication data comprises a reenrollment key determined in a previous enrollment request for said rights locker, said reenrollment key for supplementing or replacing enrollment authentication data of said previous enrollment request.

84. (Original) The apparatus of claim 78 wherein said processor is further configured to determine whether said user

is entitled to become an enrolled user based at least in part on whether payment for use of the rights locker service succeeds.

85. (Original) The apparatus of claim 78 wherein said processor is further configured to determine whether an enrolled user is entitled to populate said rights locker with rights to said digital content based at least in part on whether payment for said rights succeeds.

86. (Currently Amended) The apparatus of claim 78 wherein at least part of said one or more authenticated rights locker access requests are for storage in a bookmark on asaid user device.

87. (Original) The apparatus of claim 78 wherein said processor is further configured to embed said one or more authenticated rights locker access requests in a Web cookie before said sending.

88. (Original) The apparatus of claim 78 wherein said processor is further configured to encapsulate said one or more authenticated rights locker access requests in an HTTP Response message before said sending.